

Wenting Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6388213/publications.pdf>

Version: 2024-02-01

25
papers

2,233
citations

687363

13
h-index

552781

26
g-index

30
all docs

30
docs citations

30
times ranked

3669
citing authors

#	ARTICLE	IF	CITATIONS
1	Shank3 mutant mice display autistic-like behaviours and striatal dysfunction. <i>Nature</i> , 2011, 472, 437-442.	27.8	1,273
2	Imaging Neural Activity Using Thy1-GCaMP Transgenic Mice. <i>Neuron</i> , 2012, 76, 297-308.	8.1	207
3	Anterior cingulate cortex dysfunction underlies social deficits in Shank3 mutant mice. <i>Nature Neuroscience</i> , 2019, 22, 1223-1234.	14.8	168
4	Striatopallidal dysfunction underlies repetitive behavior in Shank3-deficient model of autism. <i>Journal of Clinical Investigation</i> , 2017, 127, 1978-1990.	8.2	151
5	From autophagy to mitophagy: the roles of P62 in neurodegenerative diseases. <i>Journal of Bioenergetics and Biomembranes</i> , 2017, 49, 413-422.	2.3	87
6	Exosomes derived from TSG-6 modified mesenchymal stromal cells attenuate scar formation during wound healing. <i>Biochimie</i> , 2020, 177, 40-49.	2.6	50
7	Chronic Inflammatory Pain Impairs mGluR5-Mediated Depolarization-Induced Suppression of Excitation in the Anterior Cingulate Cortex. <i>Cerebral Cortex</i> , 2018, 28, 2118-2130.	2.9	39
8	Antioxidant activity of mesenchymal stem cell-derived extracellular vesicles restores hippocampal neurons following seizure damage. <i>Theranostics</i> , 2021, 11, 5986-6005.	10.0	33
9	Striatal Distribution and Cytoarchitecture of Dopamine Receptor Subtype 1 and 2: Evidence from Double-Labeling Transgenic Mice. <i>Frontiers in Neural Circuits</i> , 2017, 11, 57.	2.8	23
10	Ten-eleven translocation 1 mediated-DNA hydroxymethylation is required for myelination and remyelination in the mouse brain. <i>Nature Communications</i> , 2021, 12, 5091.	12.8	22
11	TNF signaling pathway-mediated microglial activation in the PFC underlies acute paradoxical sleep deprivation-induced anxiety-like behaviors in mice. <i>Brain, Behavior, and Immunity</i> , 2022, 100, 254-266.	4.1	21
12	Differential dopaminergic regulation of inwardly rectifying potassium channel mediated subthreshold dynamics in striatal medium spiny neurons. <i>Neuropharmacology</i> , 2016, 107, 396-410.	4.1	20
13	Dissection of the relationship between anxiety and stereotyped self-grooming using the Shank3B mutant autistic model, acute stress model and chronic pain model. <i>Neurobiology of Stress</i> , 2021, 15, 100417.	4.0	18
14	A novel intrinsic analgesic mechanism: the enhancement of the conduction failure along polymodal nociceptive C-fibers. <i>Pain</i> , 2016, 157, 2235-2247.	4.2	15
15	Tension enhances cell proliferation and collagen synthesis by upregulating expressions of integrin $\beta 3$ in human keloid-derived mesenchymal stem cells. <i>Life Sciences</i> , 2019, 219, 272-282.	4.3	15
16	Brain mGluR5 in Shank3B ^{-/-} Mice Studied With in vivo [18F]FPEB PET Imaging and ex vivo Immunoblotting. <i>Frontiers in Psychiatry</i> , 2019, 10, 38.	2.6	14
17	Chronic inflammatory pain decreases the glutamate vesicles in presynaptic terminals of the nucleus accumbens. <i>Molecular Pain</i> , 2018, 14, 174480691878125.	2.1	13
18	Terahertz exposure enhances neuronal synaptic transmission and oligodendrocyte differentiation in vitro. <i>IScience</i> , 2021, 24, 103485.	4.1	12

#	ARTICLE	IF	CITATIONS
19	D2 dopamine receptors modulate neuronal resonance in subthalamic nucleus and cortical high-voltage spindles through HCN channels. <i>Neuropharmacology</i> , 2016, 105, 258-269.	4.1	10
20	Translational relevance of behavioral, neural, and electroencephalographic profiles in a mouse model of post-traumatic stress disorder. <i>Neurobiology of Stress</i> , 2021, 15, 100391.	4.0	10
21	Excitatory and Inhibitory Synaptic Imbalance Caused by Brain-Derived Neurotrophic Factor Deficits During Development in a Valproic Acid Mouse Model of Autism. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, 860275.	2.9	9
22	LF-rTMS ameliorates social dysfunction of FMR1 mice via modulating Akt/GSK-3 β signaling. <i>Biochemical and Biophysical Research Communications</i> , 2021, 550, 22-29.	2.1	6
23	Quercetin relieves D α -amphetamine-induced manic-like behaviour through activating TREK1 potassium channels in mice. <i>British Journal of Pharmacology</i> , 2021, 178, 3682-3695.	5.4	6
24	A Whole-Brain Cell-Type-Specific Sparse Neuron Labeling Method and Its Application in a Shank3 Autistic Mouse Model. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 145.	3.7	3
25	An auto real-time jump tagging system for exploring stereotyped jumping behavior in mice. <i>Biochemical and Biophysical Research Communications</i> , 2021, 579, 122-128.	2.1	3